

#3

1/21

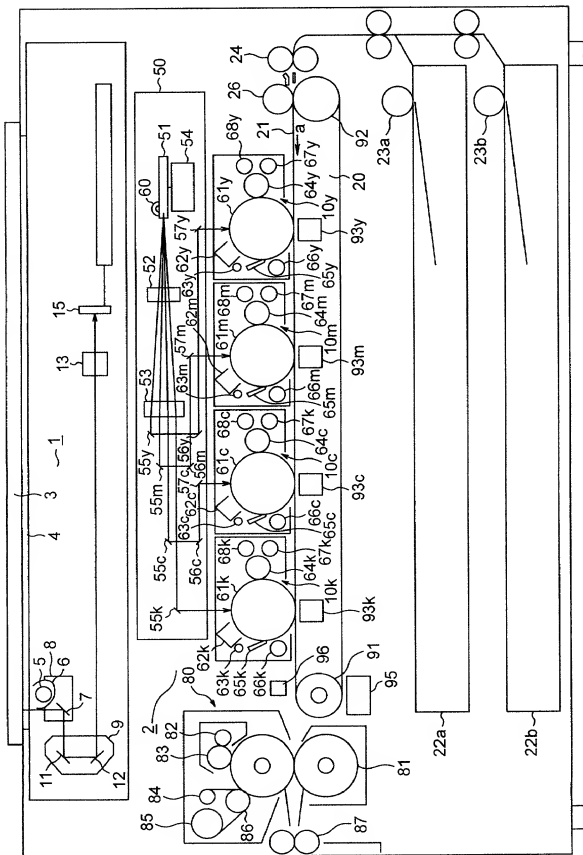


FIG. 1

2/21

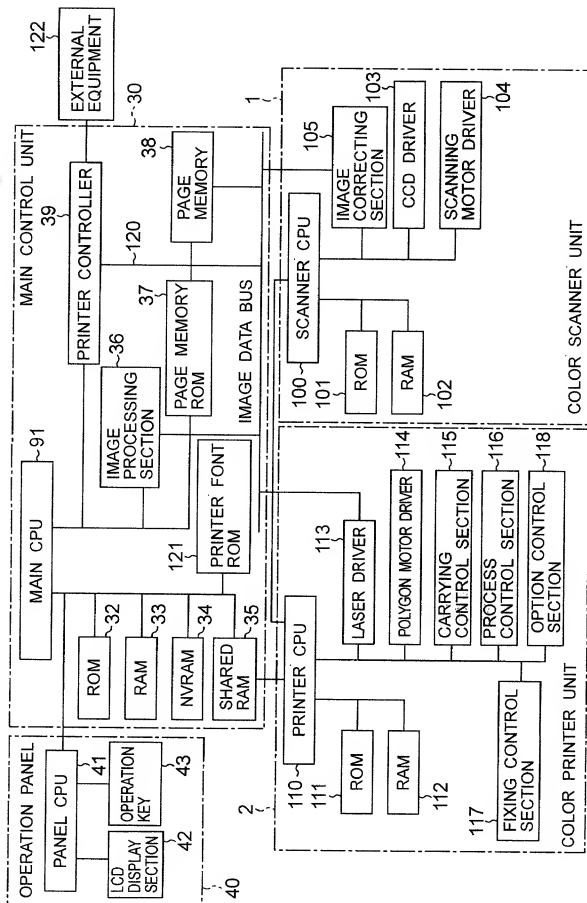


FIG. 2

3/21

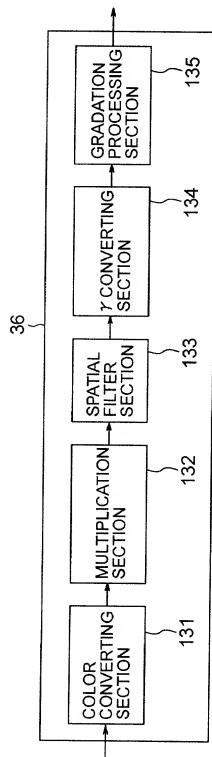


FIG. 3

4/21

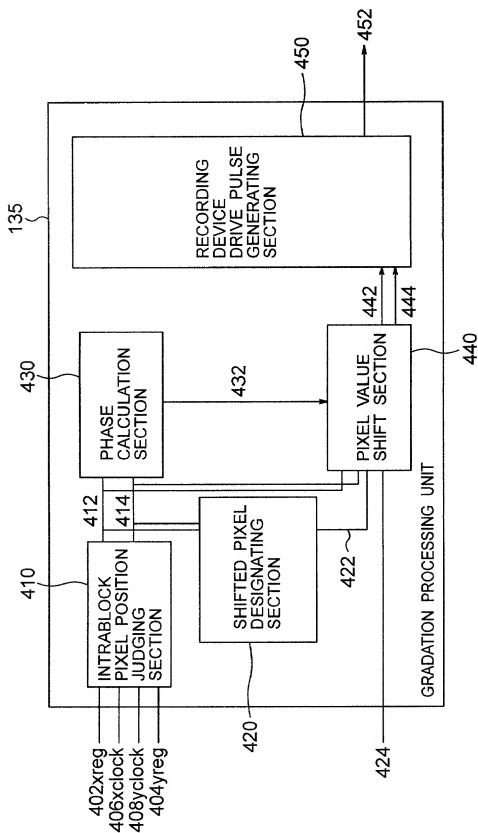


FIG. 4

5/21

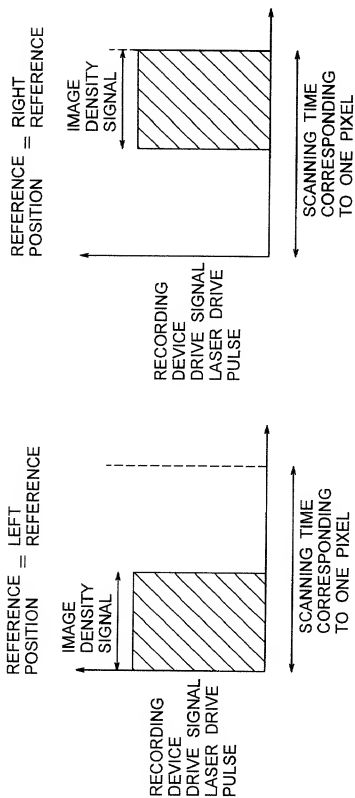


FIG. 5A

FIG. 5B

6/21

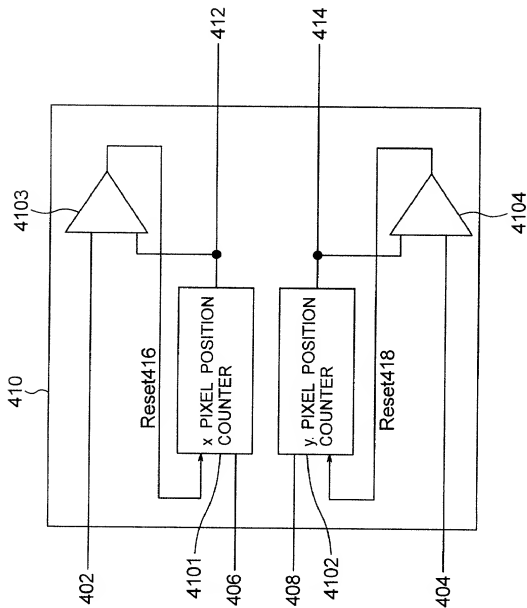


FIG. 6

109220" 209612.00

7/21

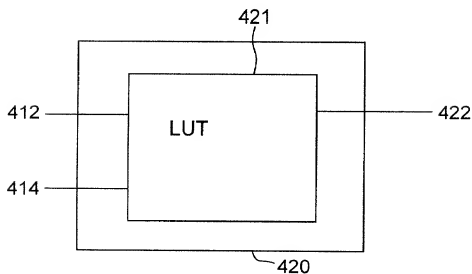


FIG. 7

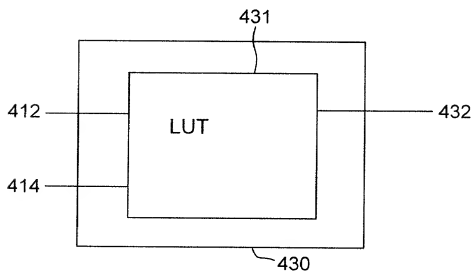


FIG. 8

09749502 072601
109220 20961460

8/21

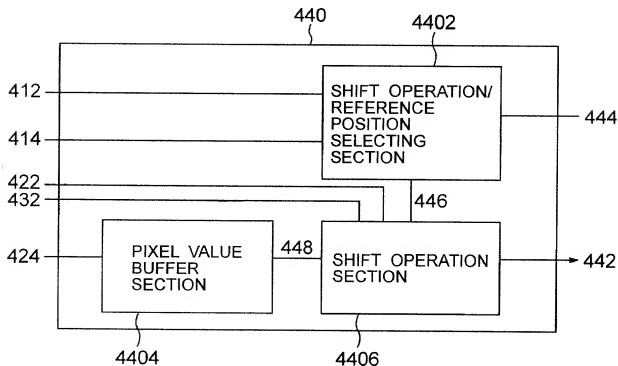


FIG. 9

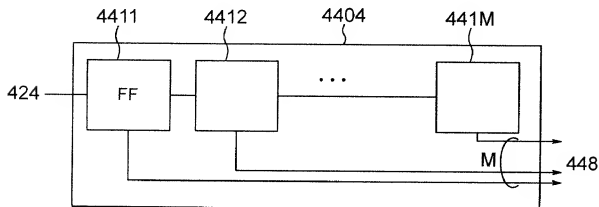


FIG. 10

9/21

FIG. 11

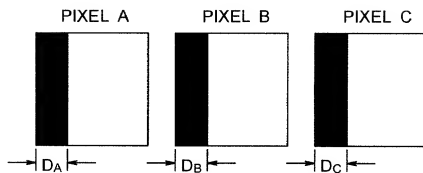


FIG. 12

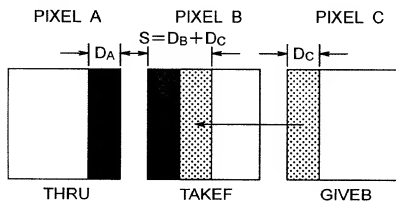


FIG. 13A

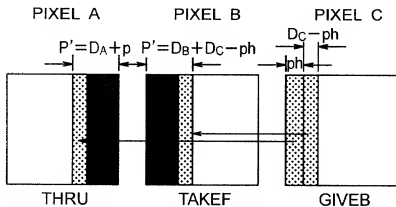
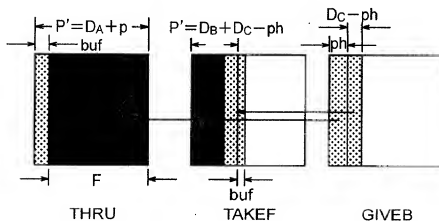


FIG. 13B



10/21

FIG. 14

OPERATION NAME	PIXEL VALUE OF PIXEL TO BE PROCESSED	WRITE SHIFT BUFFER VALUE	CONDITION
THRU	0	P	$Ph \geq 0$ & $Pf1 + Pf2 + P \geq xff \times 2$
	$Pf1 + Pf2 + P - xff \times 2$	$xff \times 2 - Pf1 + Pf2$	$Ph \geq 0$ & $Pf1 + Pf2 + P < xff \times 2$
	$P + Ph$	Ph	$Ph < 0$ & $Pf1 + Pf2 \geq -Ph$
	$P + Pf1 + P2$	$-Ph - (Pf1 + Pf2)$	$Ph < 0$ & $Pf1 + Pf2 < -Ph$
TAKEF	xff	$P + Pf1 + Pbuf - xff$	$P + Pf1 + Pbuf \geq xff$
	$P + Pf1 + Pbuf$	0	$P + Pf1 + Pbuf < xff$
GIVEB	Pbuf	0	

FIG. 17

OPERATION NAME	PIXEL VALUE OF PIXEL TO BE PROCESSED	WRITE SHIFT BUFFER VALUE	CONDITION
THRU	P	0	$Ph \geq 0$ & $Pf1 + Pf2 + P \geq xff \times 2$
TAKEF	xff	$P + Pf - xff$	$P + Pf \geq xff$
	$P + Pf$	0	$P + Pf < xff$
GIVEB	Pbuf	0	

11/21

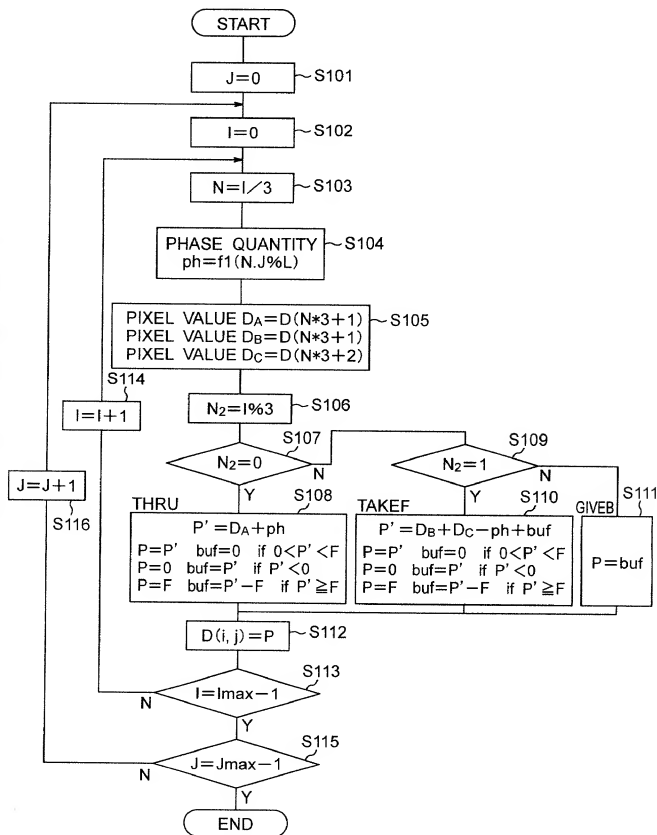


FIG. 15

12/21

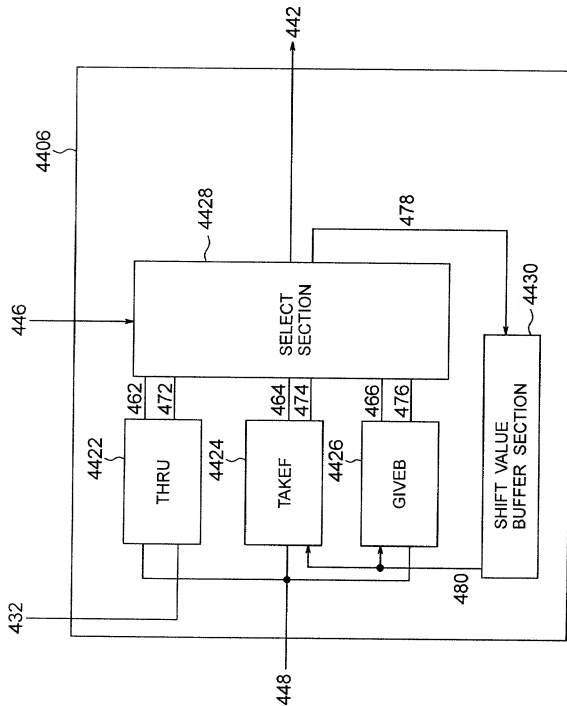
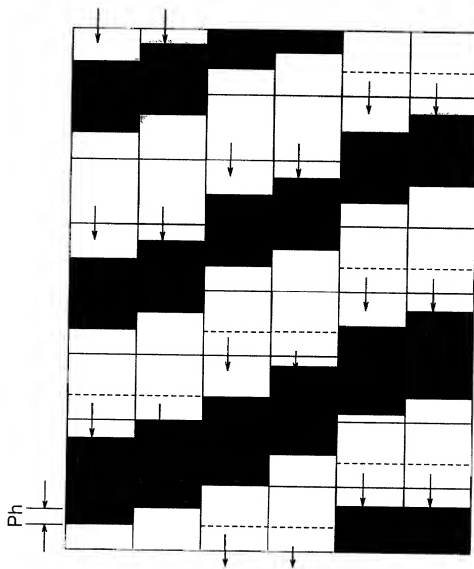


FIG. 16

109220-2096h260

13/21



14/21

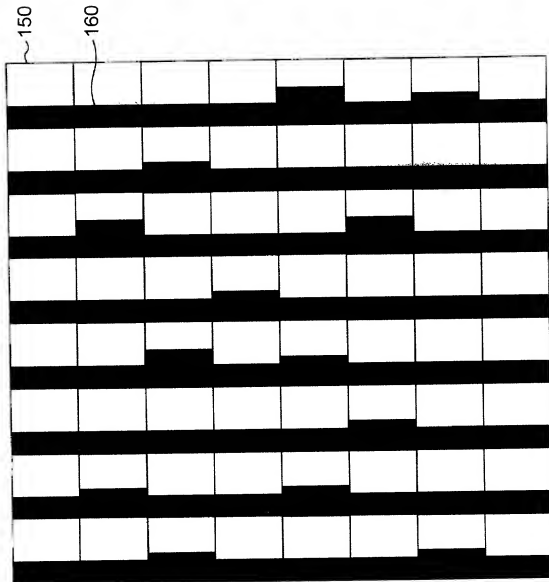


FIG. 19

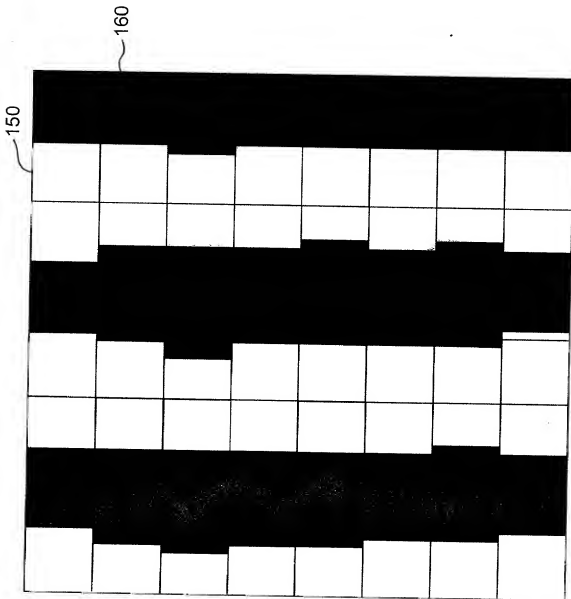


FIG. 20

16/21

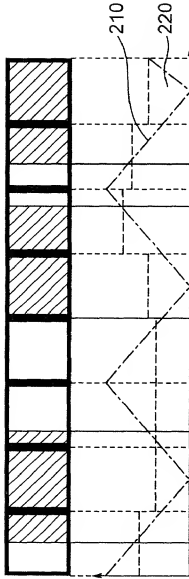
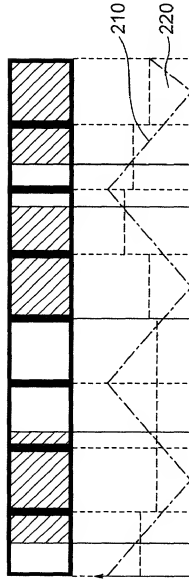
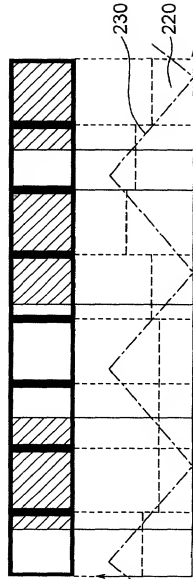


FIG. 21



1-ST LINE

FIG. 22A



2-ND LINE

FIG. 22B

17/21

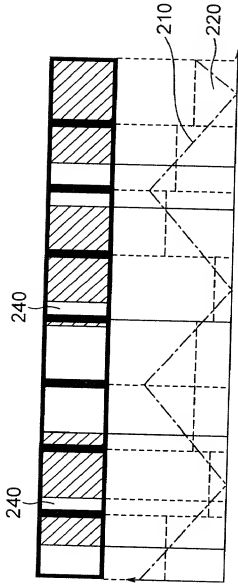


FIG. 23

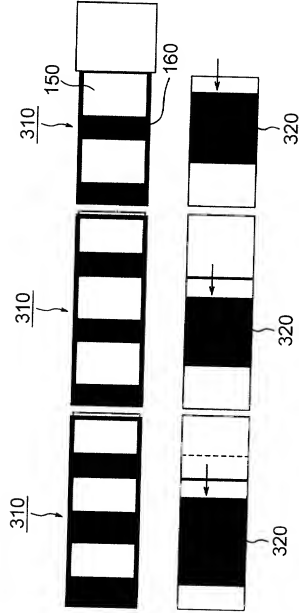


FIG. 24

18/21

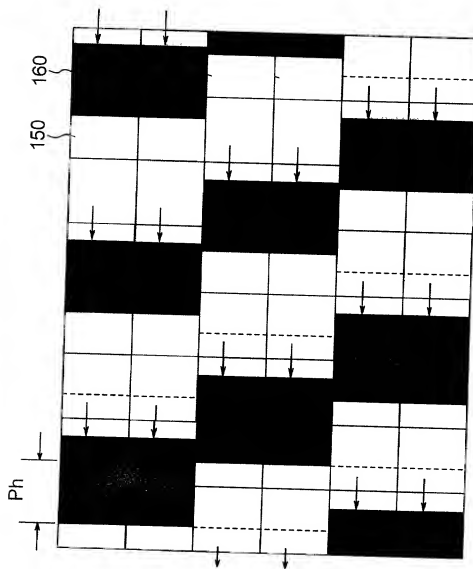


FIG. 25

19/21

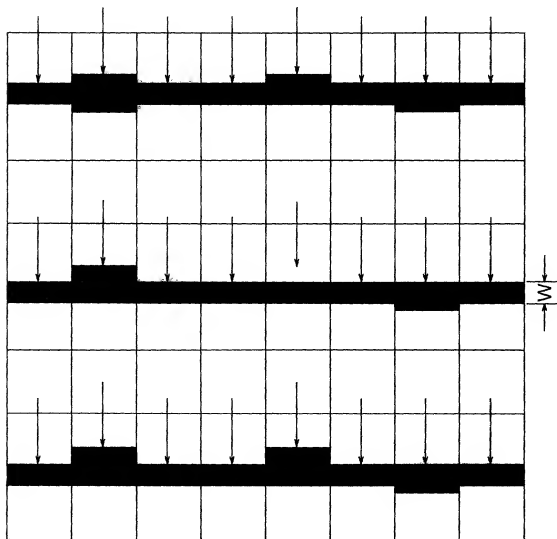


FIG. 26

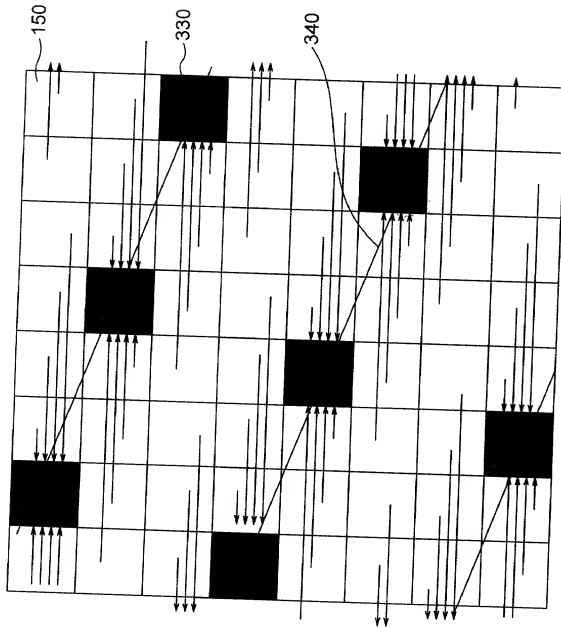


FIG. 27

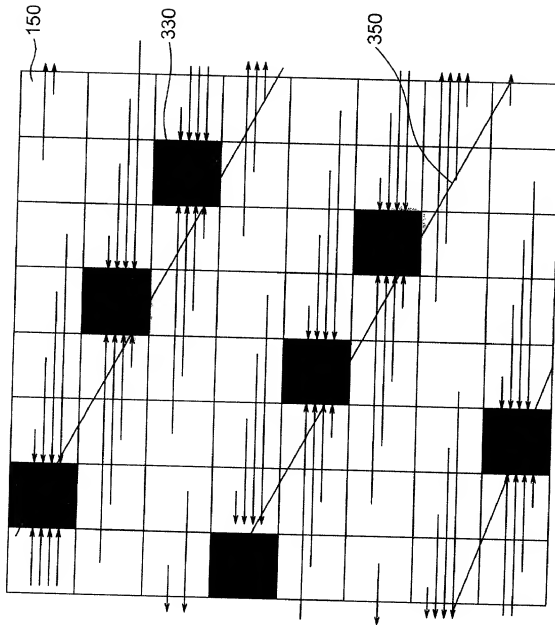


FIG. 28